UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL ____ ELECTRIC LOGS ____ FILE X WATER SANDS ____ LOCATION INSPECTED ____ SUB. REPORT/abd. ____

DATE FILED 8-30-85

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-55404 INDIAN

DRILLING APPROVED: 9-4-85 Oil Exception Location

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA'D 8-12-87

FIELD: Wildcat

UNIT: Coffee Pot Ridge

COUNTY: Utah

WELL NO. Coffee Pot Ridge Unit 1 API #43-049-30015

LOCATION 198' FSL FT. FROM (N) (S) LINE. 1125' FEL FT. FROM (E) (W) LINE. SE SE 1/4 — 1/4 SEC. 28

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				10S	5E	28	Exxon Corporation

Form 3160-3 (November 1983) (formerly 9-331C)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Exxon Corporation

3. ADDRESS OF OPERATOR: Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 198' FSL and 1,125' FEL
At proposed prod. zone: SW SW

5. LEASE DESIGNATION AND SERIAL NO.: U-55404

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Coffee Pot Ridge Unit

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 28, T10S, R5E

12. COUNTY OR PARISH: Utah

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 35 miles SE from Provo

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 198'

16. NO. OF ACRES IN LEASE: 6,271.76

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: NONE

19. PROPOSED DEPTH: 15,000 Nugget

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 7134

22. APPROX. DATE WORK WILL START*: 9-15-85

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94	80	120 cu ft.
17 1/2"	13 3/8"	54.5	1500	1040 cu ft
12 1/4"	9 5/8"	40	12700	850 cu ft
8 1/2"	5"	21.4 and 23.2	15000	590 cu ft.

Application for unorthodox application is being sent.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/4/85
BY: John R. Baza
WELL SPACING: Unit A-3

RECEIVED
AUG 30 1985
DIVISION OF OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Melba Knipling TITLE Unit Head DATE 8-20-85

(This space for Federal or State office use)

PERMIT NO. 43-049-30015 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

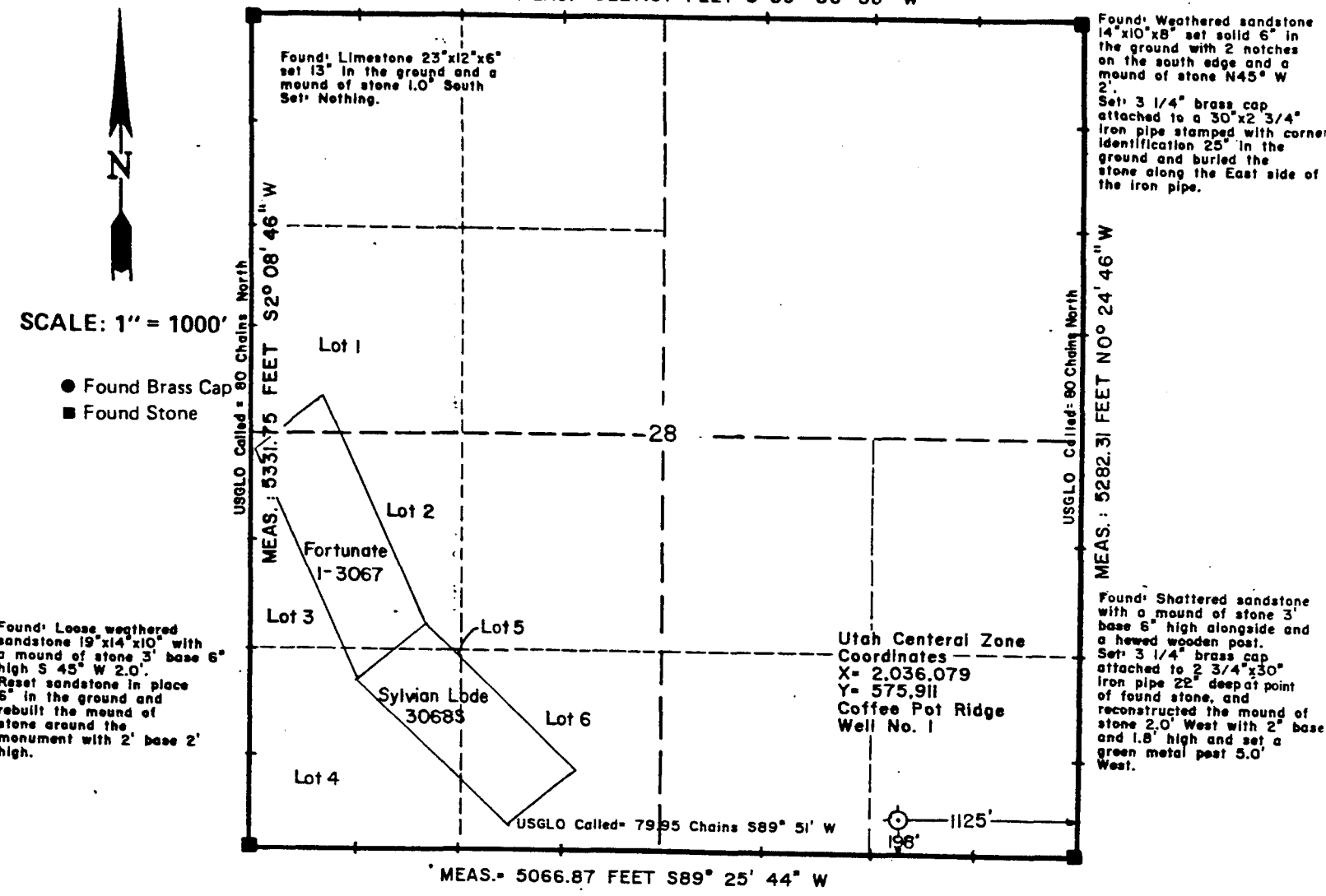
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS

POST OFFICE BOX 820
GREEN RIVER, WYOMING 82935

550 EAST 2 NORTH
PHONE 307-875-3638

T. 10 S. R. 5 E.



I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Tom Walsh of Denver, Colorado for Exxon Company U.S.A made a survey on the 11th day of July 19 85 for location and elevation of the Coffee Pot Ridge Well No. 1 As shown on the above map, the wellsite is in the SE/4 SE/4 of Section 28, Township 10 South, Range 5 East of the SLB & M, Utah County, State of Utah Elevation is 7134 feet Ungraded Ground Datum 1929- from USGS control point Sky vertical angle bench mark elevation of 7956'.

Reference Point 325' NORTH. Set 5/8" X 24" rebar (typical monument) 21" in ground, Elevation Top of Rebar = 7122.2'

Reference Point 300' SOUTH. Set typical monument 21" in ground. Elevation Top of Rebar = 7169.4'

Reference Point 300' EAST. Set typical monument 21" in ground. Elevation Top of Rebar = 7107.6'

Reference Point 400' WEST. Set typical monument 21" in ground. Elevation Top of Rebar = 7072.5'

William H. Smith
R.L.S. NO. 2764

Drawn By: MJW
Job No.: 85046.000

REGISTERED
WYOMING UTAH IDAHO
NEVADA NEW MEXICO ARIZONA
COLORADO

OPERATOR Exxon Corporation DATE 8-30-85

WELL NAME Coffee Pot Ridge Unit 1

SEC SESE 28 T 10S R 5E COUNTY Utah

43-049-30015
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

- [✓] PLAT
- [✓] BOND
- [✓] NEAREST WELL
- [✓] LEASE
- [✓] FIELD
- [ ] POTASH OR OIL SHALE

PROCESSING COMMENTS:
Exc. loc.

APPROVAL LETTER:

SPACING: [✓] A-3 Coffee Pot Ridge UNIT [ ] c-3-a _____ CAUSE NO. & DATE

[ ] c-3-b [✓] c-3-c

STIPULATIONS:
1- Water
2- Exc. loc.

11/2/84
25020

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

August 30, 1985

Coffee Pot Ridge Unit #1
Section 28-T10S-R5E
Utah County, Utah

Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Sir:

Attached is our Application for Permit to Drill and plat for subject well. The surface hole location is 198' FSL and 1125' FEL of Section 28-T10S-R5E, Utah County,UT.

Due to topography considerations the surface hole requires an unorthodox location.

By copy of this letter we are notifying the following operator, by registered mail, who has ownership of an oil or gas lease within 660' of our proposed location. If as an offset operator you have no objection to this application, we request that you execute the attached waiver and forward a copy to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, UT, 84114 and return a copy to this office.

AMOCO Production Co., P. O. Box 800, Denver, CO 80201, Attn: Mr. C. E. Temple

Please grant an exception to the requirements for the above location.

Sincerely,

Melba Knipling

Melba Knipling, Unit Head
NGPA and Permits

MK:dc
encl

W A I V E R

Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

This is to advise that the undersigned has been given due notice that Exxon Corproration has made application for administrative approval of an unorthodox location for Coffee Pot Ridge Unit #1, Wildcat Field.

We hereby waive any objections to the granting of the application for the above well which will be located:

198' FSL and 1125' FEL of Section 28-T10S-R5E, Utah County, Utah

Executed this _____ day of _____ 1985.

Company _____

By _____

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

16

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-55404

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Exxon Corporation

8. FARM OR LEASE NAME: Coffee Pot Ridge Unit

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: Box 1600, Midland, Texas 79702

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 198' FSL and 1,125' FEL
At proposed prod. zone:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 28, T10S, R5E

RECEIVED
SEP 03 1985
DIVISION OF OIL GAS & MINING

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 35 miles SE from Provo

12. COUNTY OR PARISH: Utah

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
198'	6,271.76	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
NONE	15,000	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 7134

22. APPROX. DATE WORK WILL START*: 9-15-85

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Melba Knipling TITLE Unit Head DATE 8-20-85

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

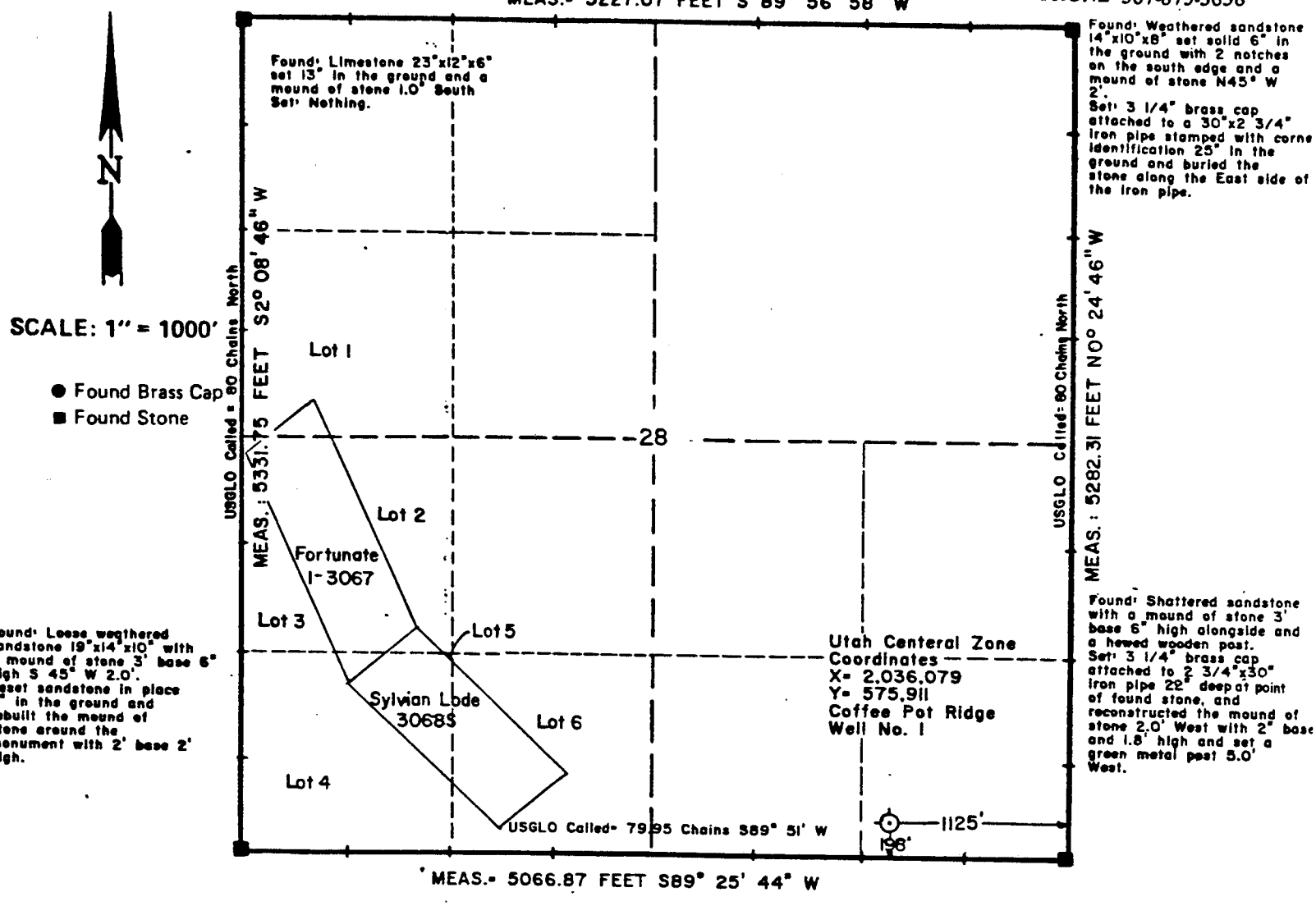
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS

POST OFFICE BOX 820
GREEN RIVER, WYOMING 82935

550 EAST 2 NORTH
PHONE 307-875-3638



I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Tom Walsh of Denver, Colorado for Exxon Company U.S.A made a survey on the 11th day of July 19 85 for location and elevation of the Coffee Pot Ridge Well No. 1 As shown on the above map, the wellsite is in the SE/4 SE/4 of Section 28, Township 10 South, Range 5 East of the SLB & M, Utah County, State of Utah Elevation is 7134 feet Ungraded Ground Datum 1929- from USGS control point Sky vertical angle bench mark elevation of 7956'.

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Reference Point 400' WEST. Set typical monument 21" in ground. Elevation Top of Rebar = 7072.5'

William H. Smith
R.L.S. NO. 2764

Drawn By: MJW
Job No.: 85046.000

REGISTERED
WYOMING UTAH IDAHO
NEVADA NEW MEXICO ARIZONA
COLORADO

SURFACE USE PLAN

Exxon Corporation
Coffee Pot Ridge Unit 1
198' FSL, 1125' FEL, Section 28, T10S, R5E
Utah County, Utah
Federal Lease No. U-55404

1. EXISTING ROADS - See area map and Exhibit "A" map which is a reproduction of a portion of U.S.G.S. 7.5 minute quadrangle map Thistle and Mill Fork, Utah.

   A. Exhibit "A" shows proposed well site as staked.

   B. From Provo travel south on Interstate 15 approximately 6.0 miles, then turn east on State Highway 6-89 and proceed 22.1 miles to Sheep Creek Cafe. Turn south onto Dairy Fork Road and travel 7.0 miles to the location. See area map.

   C. All existing roads and new construction are shown on Exhibit "A". All roads that are not county maintained will be maintained as required by usage to accommodate year-round traffic. All equipment and vehicles will be confined to the access road and pad area. From Pt. A to Pt. B (3.0 miles) is a county road and will require improved gravel surfacing water bar removal, ditch and drainage work with some curve realignment and turnout placement. Upgrade of existing Forest Service trail and new construction is discussed below.

   D. This is an exploratory well.

2. PLANNED ACCESS ROADS - Exhibit "A" shows approximately 3.3 miles (from Pt. B to Pt. C) existing Forest Service trail that will need upgrading. The trail will be realigned in some areas, (specifically at the two switchbacks as noted) to provide acceptable grades and reduce curvature. Approximately 3700 feet of new access road (from Pt. C to location) will be constructed.

   A. The width of road subgrade will be approximately 21' with a surface width of 12'.

   B. The maximum grade for the access road should not be greater than 12 percent and only for short distances at this grade.

   C. Turnouts will be placed as needed due to inadequate sight distance. They will be maintained in equal condition as the access road.

   D. Culverts, water bars, and ditches will be constructed as required to handle drainage.

E. Three cattleguards will be required.

F. Roadway plans containing typical sections, plan and profile, drainage, and erosion control information will be submitted with the road use permit application.

G. The new access road is P-lined with clearing limits flagged. The two swithback realignments on existing Forest Service trail are centerline and slope staked.

3. LOCATION OF EXISTING WELLS WITHIN ONE MILE RADIUS

A. Water wells - none known.

B. Abandoned wells - none known.

C. Temporarily abandoned wells - none known.

D. Disposal wells - none known.

E. Drilling wells - none known.

F. Producing wells - none known.

G. Shut-in wells - none known.

H. Injection wells - none known.

I. Monitoring or observation wells for other resources - none known.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Production facilities will be placed on cut portions of the pad and the locations will be submitted by sundry notice when the well is completed.

B. A dike will be constructed completely around the production facilities (i.e. production tanks, water tanks, and/or heater-treater). The dikes for the production facilities must be constructed of compacted subsoil, hold the capacity of the largest tank, and be independent of the back cut. Any production pits will be fenced with at least (4) strands of barbed wire and held in place by side posts and corner H-braces.

5. LOCATION AND TYPE OF WATER SUPPLY

A. Water will be purchased locally and will be either piped in lines laid on top of the ground or hauled over existing and proposed access routes to the location. No new roads will be

built to haul water. The supply comes from a water diversion point at Soldier Creek located in the NW 1/4 of the SE 1/4 of Section 2, T10S, R5E, Utah County, Utah. Application will be made to the Utah Division of Water Rights for a temporary permit to appropriate surface and ground water. A water well may be drilled on the location to supplement this supply.

6. SOURCE OF CONSTRUCTION MATERIALS

A. Construction gravel when needed will be obtained from a private source and hauled over existing roads and proposed access road to the site. This source is located in Section 12, T10S, R5E, Utah County.

7. WASTE DISPOSAL

A. Waste materials will be contained and disposed of as follows:

1. Drill cuttings and solids will be disposed of in the reserve pit until operations are completed. At that time enhanced drying techniques may be used to solidify these solids thereby reducing their total volume. These solids will then be disposed of by burying in the pit and location or by hauling to a state approved disposal site.

2. Trash, waste paper, and garbage will be contained in a trash pit, fenced with small mesh wire to prevent wind-scattering during storage and then burned; this pit is shown on the rig layout. When burning is required a pemit will be obtained from the State Fire Warden.

Residue in the pit after completion of operations will be buried either within the pit or in the reserve pit by at least a 24" cover. When the rig moves out, all trash and debris left at the site will be contained to prevent scattering and will be either burned in the trash pit or buried at least 24" deep within 30 days unless ground freeze prevents burial.

3. Salts that are not used in the drilling fluid will be removed from the location by the supplier.

4. Sewage from trailer houses will be disposed of in a manner approved by the Utah Department of Health. This will consist of either a septic system with leach field, or a closed system with sewage periodically hauled to an approved disposal site. The city of Spanish Fork has been contacted and tentative approval granted for use of their wastewater disposal facility. All necessary state and county permits will be applied for to permit the disposal methods.

5. Chemicals that are not used in the drilling and the completion of the well will be removed from the location by the supplier.

B. Drilling fluids, produced water and surface runoff from location will be disposed of in the reserve pit. These fluids will be allowed to evaporate before backfilling of the pit. Enhanced evaporation by mechanical spraying within the pit confines may be used to decrease evaporation time before backfilling. Any residual fluids will be hauled by truck to an approved disposal site. Notification to the BLM will be made before hauling fluids from the site. Other means of fluid treatment may be used to achieve the required discharge parameters. Fluids may then be discharged per U.S.F.S. approval.

C. Oil produced during tests will be stored in test tanks until sold, at which time it will be hauled from the site.

8. ANCILLARY FACILITIES - No camps, airstrips, etc., will be constructed.

9. WELL SITE LAYOUT

A. Exhibit "B" (Scale 1" = 50') shows the proposed well site layout.

B. This exhibit indicates the proposed location of mud and reserve pits, pipe racks, the trash bin and other major rig components, living facilities, spoil stockpile, parking areas and turn-in from access road.

C. Mud pits in the active circulating system will be steel pits, and the reserve pit is proposed to be unlined unless subsurface conditions encountered during pit construction indicate that lining is needed for the lateral containment of fluids.

1. If pit is lined, the material is a carbon black 6 mil low density polyethylene film. The edges are buried 12" deep along the top of the outside dikes, with sandbags placed to hold the interior of the liner in place.

2. If a reserve pit is not required by the Drilling group a closed mud system will be used. Excess fluid will be hauled to a disposal site. For solids disposal a slit trench approximately 20 feet wide by 100 feet long and 10-13 feet deep will be required.

This trench will be located as shown on Exhibit "B", and will be unlined unless subsurface conditions require lining.

10. RESTORATION OF SURFACE

A. Upon completion of the operation and disposal of any trash and debris as discussed earlier, pits will be backfilled and leveled or contoured as soon as practical after drying time. Drill site surface will be reshaped to combat erosion, and stockpiled topsoil will be distributed to extent available. Prior to leaving the drill site upon rig move-out, any pit that is to remain open for drying will be fenced and so maintained until backfilled and reshaped.

B. Exxon will rehabilitate the new access road (Pt. C to location) as per Forest Service recommendations.

C. Revegetation of the drill pad will comply with Forest Service requirements.

D. Any oil on pits will be removed or otherwise disposed of to Forest Service approval.

E. Rehabilitation operations will start in a timely manner after completion and will be completed as soon as is practical to Forest Service specifications.

1. When geotextile fabrics are used all overburden will be removed down to the fabric then the fabric removed.

2. On severe slopes (20% +) a bench may be used to enhance stability of rehabilitated area.

11. OTHER INFORMATION

A. The site is located on mountainous terrain. The soil is clayey, silty loam. Vegetation consists of native grasses, aspen and oakbrush.

B. The surface is owned by the Federal Government and is used for grazing by local ranchers.

C. An archaeology search of the area has been conducted and the report will be filed with the BLM.

If any cultural values are observed during construction and operations, leave them intact and notify the BLM Area Manager.

Exxon Corporation - #1 Coffee Pot Ridge Unit
SE SE Sec. 28, T10S, R5E
Utah County, Utah
BLM Eight Point Plan

1. The estimated tops of important geologic markers:

Formations	Tops
Arapien	975'
Twin Creek	12,665'
Nugget	14,100'

2. The estimated depths at which the top and the bottom of anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered:

	Top	Bottom	How Protected
Fresh Water	0	975'	Surface casing - cement to surface.
Twin Creek - oil	12,665'	14,100'	Production casing - cement to 12,000'
Nugget - gas	14,100'	TD	Production casing - cement to 12,000'

3. Minimum specifications for pressure control equipment:

A. Blowout Preventer Equipment:

Casing	BOP Type	Pressure Rating
20" Conductor	Rotating Head	----
13-3/8" Surface	Type - 3A	2000 psi
9-5/8" Intermediate	Type - 3A	5000 psi

Preventers with higher pressure ratings may be substituted, depending on equipment provided by drilling contractor. BOP's will be hydraulically operated and have one control station located at least 60' from wellbore and one located on the rig floor. BOP diagrams are attached.

Testing: Upon installation, pressure control equipment will be tested to 200-300 psi and to the required working pressure.

D. There are no buildings of any kind in the area.

12. OPERATOR'S REPRESENTATIVE - Field representative who can be contacted concerning compliance of this Surface Use Plan is:

Tom Mixon
P.O. Box 230
Midland TX 79702
Office Phone No. - 915/686-4355

13. CERTIFICATION - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with operations proposed herein will be performed by Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date 8-20-85

Signature and Title Thomas D. Mixon Operations Supt.

Every 21 days the BOP stack will be tested to 200-300 psi and to the lower of the following minimums:

(1) Required working pressure of the ram preventers.

(2) 70% of the working pressure on annular preventer.

(3) Wellhead working pressure.

Blowout Prevention Drills: A drilling crew proficiency test to perform the well shut-in procedure will be performed at least once each week with each crew.

B. Wellhead Equipment: Sweet Service

"A" Section: 13-3/8" x 13-5/8" - 3000 psi
"B" Section: 13-5/8" - 3000 psi x 11" - 5000 psi
Tubinghead: 11" - 5000 psi x 7-1/16" - 10,000 psi
Tubinghead Adapter: 7-1/16" - 10,000 psi x 2-9/16" - 10,000 psi
Tree: 2-9/16" - 10,000 psi

4. Auxiliary Equipment and Proposed Casing Program:

A. Auxiliary Equipment:

1. Upper and lower kelly cocks will be installed in the drill string at all times, and will be operated weekly.

2. Full opening ball type safety valves for each size and connection of drill pipe in use will be on the rig floor in open position at all times.

3. An Otis nipple will be run in the drill string, two to three joints above the drill collars, for inside drill string well control.

B. Casing:

String	Size	Weight/Grade/Conn	Depth Interval
Conductor	20"	94/H-40/STC	0-80'
Surface	13-3/8"	54.5/K-55/BT	0-500'
		54.5/K-55/STC	500-1500'
Intermediate	9-5/8"	40/N-80/BT	0-500'
		40/N-80/LTC	500-12,700'
Production	5"	21.4/P-110/LTC	0-12,000'
		23.2/P-110/LTC	12,000'-TD

Casing will be new pipe or used pipe inspected to new pipe standards.

C. Cement:

Conductor - Cement to surface with Redi-Mix.

Casing	Depth	Cement Type	Approx. Cement Volume (Gauge Hole)	Top of Cement
13-3/8"	1500'	Lightweight, Class G	1040 ft^3	Surface
9-5/8"	12,700'	Lightweight, Class H	850 ft^3	9,000'
5"	TD	Class H	590 ft^3	12,000'

D. Casing Test Procedures:

13-3/8" Surface Casing - 2000 psi test pressure.
9-5/8" Intermediate Casing - 3000 psi test pressure.
5" Production Casing - 5000 psi test pressure.

5. Circulating Medium Characteristics:

A. Type and anticipated characteristics of circulating medium:

Depth Interval	Mud Type	Weight (ppg)	FV (Sec/Qt)	PV (cp)	YP (#/100sf)	WL (cc/30min)	pH
0-1500'	FW Spud	8.7-9.5	30-50	6-15	8-14	Uncontrolled	
1500-TD	FWM	8.6-9.4	30-50	6-15	4-12	10-25	9.5+

B. Quantities of Mud and Weighting Material:

Quantity: Not less than 200 BBLS of mud will be in the surface mud pits at all times.

Weighting Material: At least 200 SX of Barite will be stocked on location.

C. Mud System Monitoring Equipment:

1. Pit Volume Totalizer: PVT will be used to monitor mud pits.

2. Trip Tank: Trip Tank will be used to keep hole full of fluid on trips and to monitor hole behavior on trips.

3. Mud Engineer: Engineer will check mud properties daily.

6. Anticipated type and amount of testing, logging, and coring:

No coring is planned. DST's are not planned but may be run based on shows in the Arapien, Twin Creek, or Nugget.

Logs: DIL/SP, BHC Sonic, FDC/CNL/GR/Cal, and Dipmeter from surface casing to TD.

7. Expected bottom hole pressures, abnormal pressures and temperatures or any potential hazards:

A. No abnormal pressures or temperatures are expected.

B. No H_2S is expected.

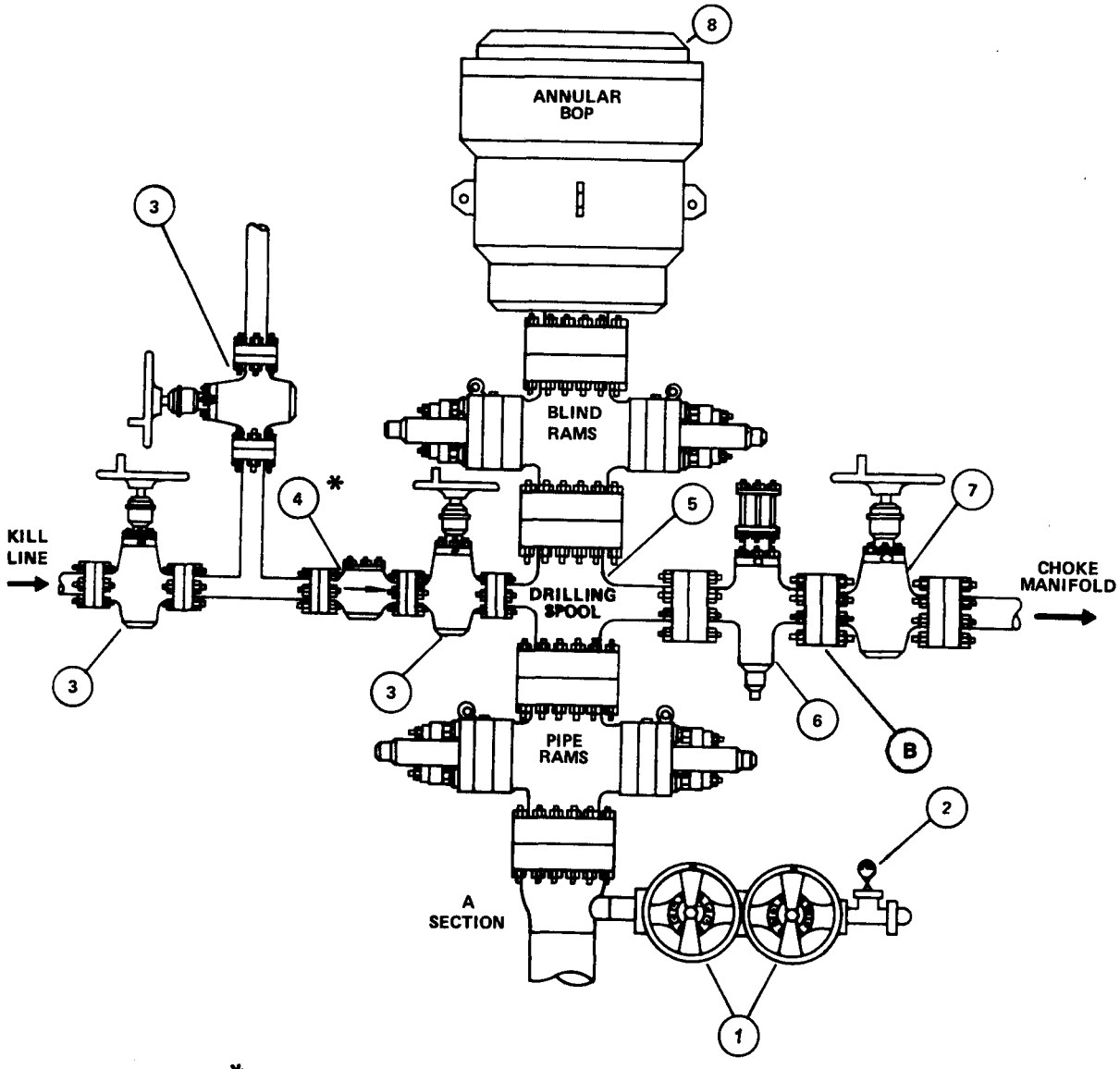
8. Other facets of Proposed Operation:

None.

RSW/tat

TYPE-3A BOP STACK

THREE PREVENTERS
API (RSRA)



* IF AN HCV IS USED INSTEAD OF A CHECK VALVE IT MUST BE LOCATED NEXT TO THE SPOOL.

COMPONENT SPECIFICATIONS
Type-3A BOP Stack

1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged spring-loaded or flapper type check valve — 3" minimum nominal dia. — same working pressure as BOP stack.
5. Drilling spool of sufficient height to allow stripping with 2 flanged side outlets — 3" choke and 2" kill line minimum nominal dia. (See Table II-4)
6. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
7. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
8. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.

NOTE:

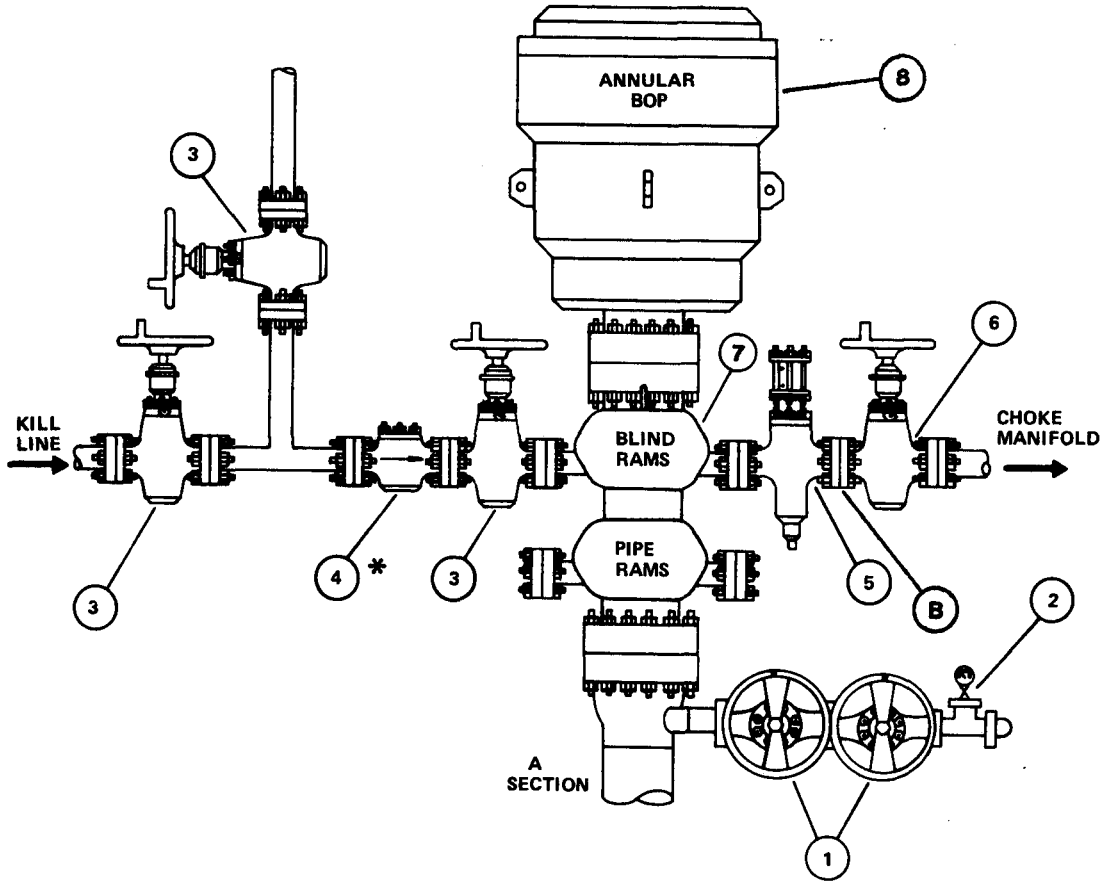
a) Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.

b) The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

c) Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

TYPE-3A (NO SPOOL) BOP STACK

THREE PREVENTERS
API(RRA)



* IF AN HCV IS USED INSTEAD OF A CHECK VALVE IT MUST BE LOCATED NEXT TO RAM PREVENTER.

10.20 COMPONENT SPECIFICATIONS
Type-3A (No Spool) BOP Stack

1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged flapper type check valve — 3" minimum nominal dia. — same working pressure as BOP stack.
5. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
6. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
7. BOP outlets must be 3" minimum nominal dia. for kill line and 3" minimum dia. for choke line.
8. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.

NOTE:

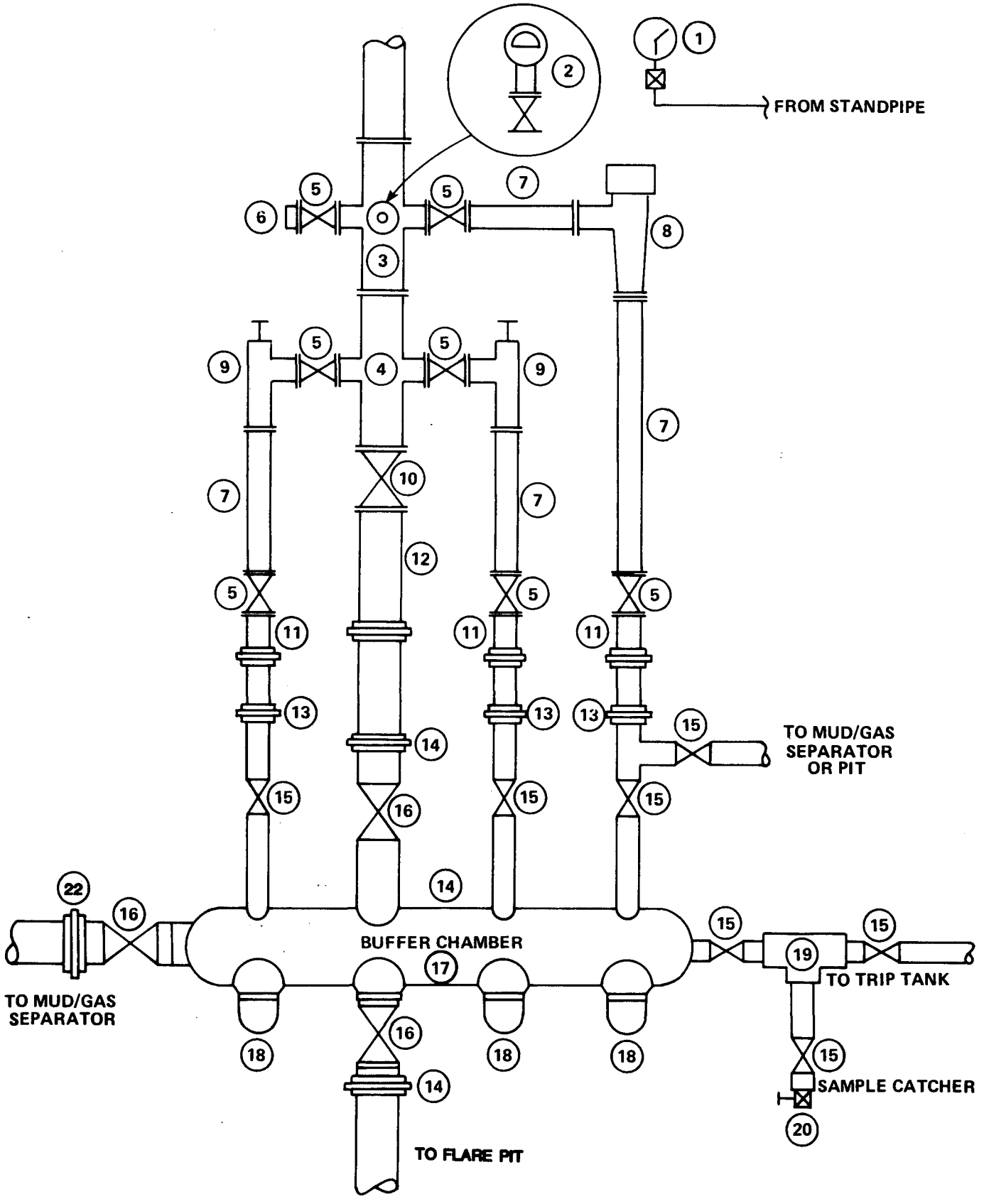
a) Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.

b) The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

c) Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

FIGURE V-2

GUIDELINE FOR ARRANGEMENT OF THREE CHOKE MANIFOLD



COMPONENT SPECIFICATIONS
Figure V-2

1. Accurate pressure gauge (Martin Decker or equal) for measuring standpipe pressure. This gauge must be installed on a flexible Martin Decker or equal sealed line with transducer and have a working pressure rating equal to that of the BOP stack.
2. Diaphram type pressure gauge and gate or plug valve — 2" minimum nominal dia. — flanged to 5 way cross or to tee and valve installed between cross and first valve.
3. Flanged or studded cross — 3" x 3" x 2" x 2" x 2" minimum nominal dia.
4. Flanged or studded cross — 3" x 3" x 2" x 2" minimum nominal dia.
5. Flanged plug or gate valve — 2" minimum nominal dia. — valve to be same W.P. as choke.
6. Blind flange.
. Flanged spacer spool — 2" minimum nominal dia. and 18" minimum length.
8. Flanged hydraulic choke with maximum size orifice opening.
9. Flanged manually — adjustable choke equipped with tungsten carbide stems and seats with maximum orifice opening.
10. Flanged plug or gate valve — 3" minimum nominal dia. — valve to be same W.P. as chokes.
11. Companion flange with screwed nipple — 2" minimum nominal diameter.
12. Companion flange with screwed nipple — 3" minimum nominal diameter.
13. Screwed unions with nipple — 2" minimum nominal dia., flat face, hammer type.
14. Screwed unions with nipple — 4" minimum nominal dia., flat face, hammer type.
15. Screwed plug or gate valve — 2" minimum nominal diameter.
16. Screwed plug or gate valve — 4" minimum nominal diameter.
17. Buffer Chamber is optional — 8" minimum nominal dia. (Sch. 160 preferred).
18. Saddle welded to manifold with 3" screwed bullplug in place.
19. Screwed tee-2" minimum nominal diameter.
20. Screwed bullplug with screwed 1/2" needle valve for obtaining a flowing fluid sample.
21. Spare gauges.
22. **Screwed plug or gate valve -- 6" minimum nominal diameter.**

NOTE:

A. The rated working pressure of the choke manifold equipment will be specified in the BID LETTER AND/OR DRILLING CONTRACT.

B. Unless specified otherwise in the BID LETTER AND/OR DRILLING CONTRACT, the Contractor will furnish and maintain all components shown except Item 1 which will be furnished by Exxon.

C. Contractor must furnish an acceptable mud/gas separator for each well. This separator must be equipped at all times with a 6" (minimum nominal dia.) gas flare line to exhaust gas to the flare line.

D. All components must comply with the attached *Specifications for Choke Manifold Piping, Fitting, and Connections.*

E. Plug valves should be equivalent to the Howco Lo-Torc and Gate Valves equivalent to the Cameron Type 'F'.

F. Crosses and valves may be substituted for the Buffer Chamber — Item 17.

G. Second hydraulic choke may be added, if specified, in place of one of the manually — adjustable chokes.

AREA MAP
1" = 8 MILES

LOCATION

28.1 MILES TO PROVO

WATER DIVERSION POINT "A"

ACCESS ROAD TO GRAVEL SOURCE

GRAVEL SOURCE

UTAH CO. RD.

"B"

UPGRADE EXISTING USFS TRAIL

NEW REALIGNMENT OF USFS TRAIL

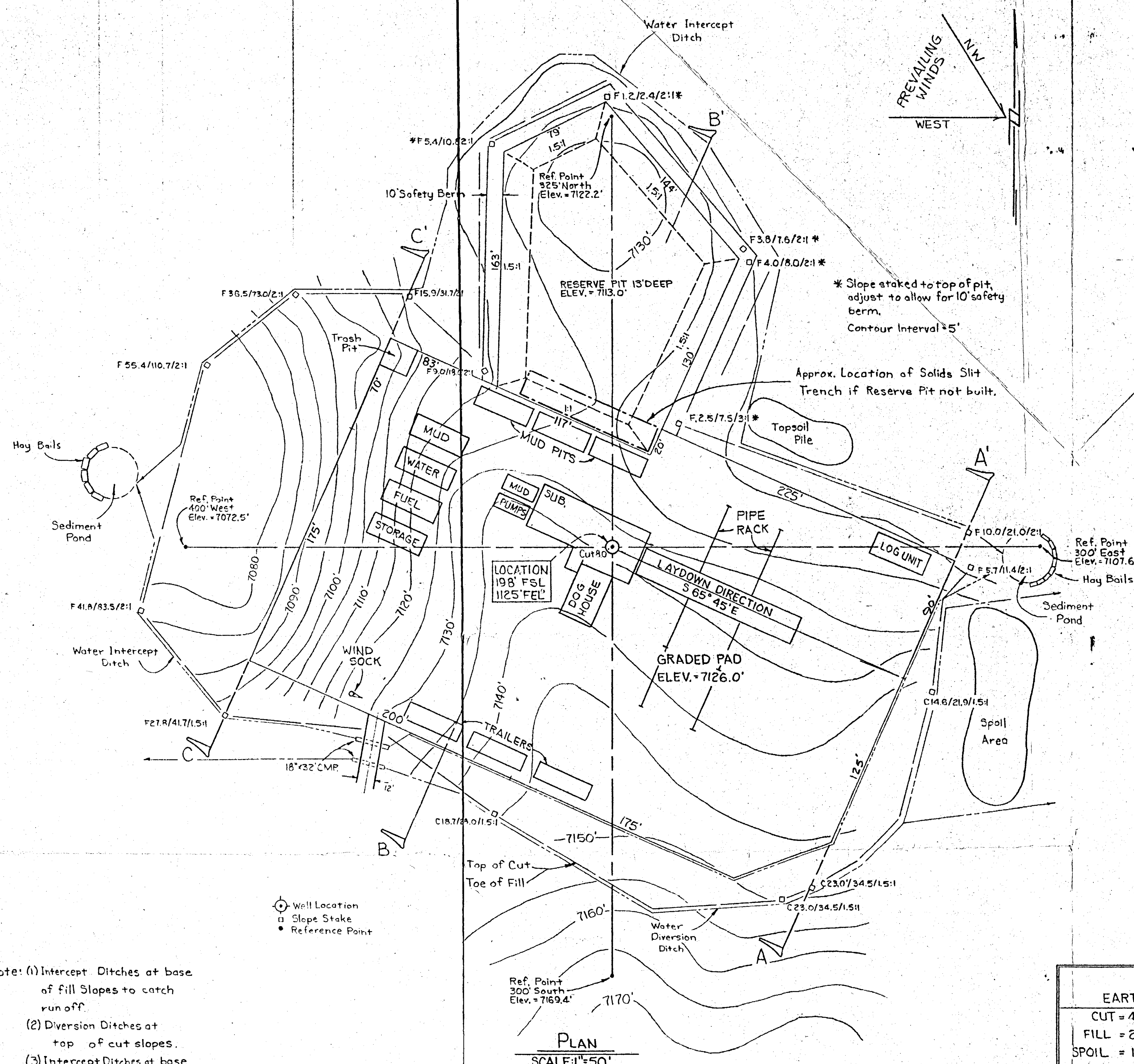
LOCATION

"C"

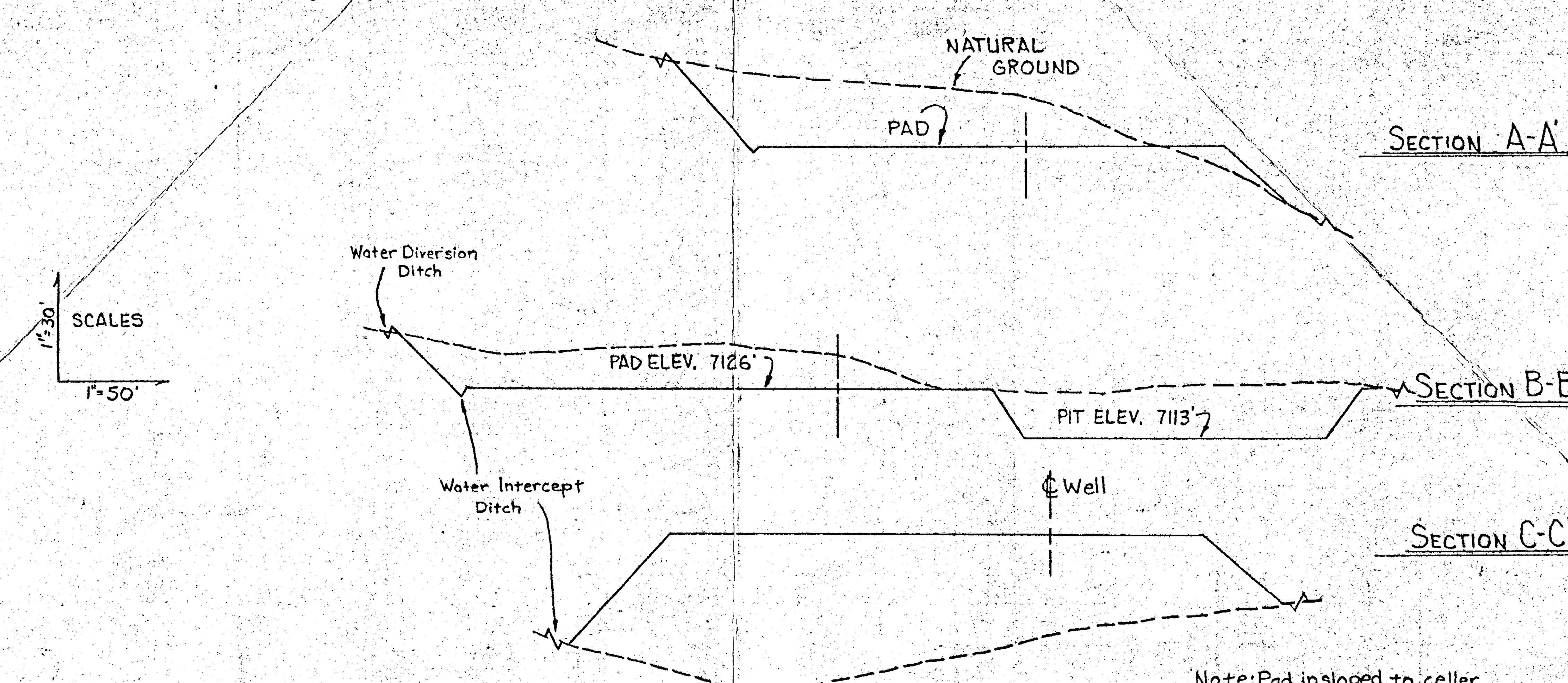
3700' NEW ACCESS ROAD

EXHIBIT "A"
EXXON CORPORATION
COFFEE POT RIDGE UNIT #1-28
SEC.28, T10S, R5E
UTAH CO., UTAH
SCALE: 1" = 2000'
8/14/85 D.A.C.
W-B-2057

AF 35668D



PLAN
SCALE: 1" = 50'



Note: (1) Intercept Ditches at base of fill Slopes to catch run off.
(2) Diversion Ditches at top of cut slopes.
(3) Intercept Ditches at base of cuts channel to sed. ponds with hay bales for filter.
(4) Possible French Drains for subsurface waters if needed located to drain cuts.

ESTIMATED EARTHWORK QUANTITIES	
CUT = 45,600	CU. YDS.
FILL = 27,100	CU. YDS. (@10% SHRK.)
SPOIL = 12,500	CU. YDS.
TOPSOIL = 6,400	CU. YDS. (@12" DEPTH)
(SPOIL INCLUDES 10,000 CU. YDS. FOR PIT RECLAIMATION)	
RESERVE PIT QUANTITIES	
CAPACITY @ 13' = 53,440 Max. Bbls	
CAPACITY @ 10' = 38,827 Working Bbl	

Exhibit "B"

NO.	DATE	REVISIONS	BY	CHK.	APPR.	NO.	DATE	REVISIONS	BY	CHK.	APPR.

COFFEE POT RIDGE UNIT #1
SEC. 28, T10S, R5E
UTAH CO., UT.

DRAWN Derek Cobb
CHECKED
ENGR. SECTION J. Nylensey REVISED
APPROVED W.R. Shuck

EXXON COMPANY, U.S.A.
A DIVISION OF EXXON CORPORATION
PRODUCTION DEPARTMENT

SCALE Shown
DATE 8-15-85
JOB NO.
FILE NO. W-E-1130

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 4, 1985

Exxon Corporation
Box 1600
Midland, Texas 79702

Gentlemen:

Re: Well No. Coffee Pot Ridge Unit 1 - SE SE Sec. 28, T. 10S, R. 5E
198' FSL, 1125' FEL - Utah County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

2. Submittal to the Division of information justifying the necessity for an exception location and verification of ownership within a radius of 500 feet of the proposed location.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-049-30015.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

jbl
Enclosures
cc: Branch of Fluid Minerals

8-7-86

BLM granted extension of approval - will send copy of extension letter.

Well # Coffee Pot Ridge #1
T. 10 S. R. 5 E. Sec. 28
Utah Co. API #43-049-30015

file D

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

August 28, 1985

Coffee Pot Ridge Unit #1
Section 28-T10S-R5E
Utah County, Utah

Bureau of Land Management
2370 South 2300 West
Salt Lake City, UT 84119

Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

When the above application has been approved, forward the original to us and a copy to Exxon Corporation, 750 W. Hampden, Englewood, CO, 80110, Attn: Ray Fabra. We would like the copy to Mr. Fabra be Federal Expressed and bill third party account #1006-2932-1.

Sincerely,

Melba Knipling

Melba Knipling
Unit Head
NGPA and Permits

MK:dc

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

LA

OPERATOR EXXON CO U.S.A. LEASE U-55404

WELL NO. COFFEE POT RIDGE UNIT # 1. API #43-049-30015

SE SE SEC. 28 T. 7S R. 5E CONTRACTOR

COUNTY UTAH FIELD WILDCAT

DRILLING/COMPLETION/WORKOVER:

____ APD	____ WELL SIGN	____ HOUSEKEEPING	____ BOPE
____ SAFETY	____ POLL. CONTROL	____ SURFACE USE	____ PITS
____ OPERATIONS	____ OTHER		

SHUT-IN ____ / TA ____ :

____ WELL SIGN	____ HOUSEKEEPING	____ EQUIPMENT*	____ SAFETY
____ OTHER			

ABANDONED:

____ MARKER	____ HOUSEKEEPING	____ REHAB.	____ OTHER

PRODUCTION:

____ WELL SIGN	____ HOUSEKEEPING	____ EQUIPMENT*	____ FACILITIES*
____ METERING*	____ POLL. CONTROL	____ PITS	____ DISPOSAL
____ SECURITY	____ SAFETY	____ OTHER	

GAS DISPOSITION:

____ VENTED/FLARED	____ SOLD	____ LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: This well site has had no work done on it, They have experienced considerable problems with getting started because of permitting for the Road, and for Access from the County regarding opening up the area to the public.

REMARKS: I Visited the site, went up the Mountain to the ridge, on which bunting had been placed showing the site location, but no further work has been done and it appears unlikely that work will commence before spring because of the altitude and Construction problems. I met with a Forestry surveyor and he felt that it would be impossible to build the Road

ACTION: up to the site during the coming winter. There were several very muddy places and no one would be able to navigate the mud holes without 4 wheel drive. It is highly unlikely that a Drill Rig could be taken up there without serious complications.

INSPECTOR: Jean Lester Deatre DATE Oct 18, 1985

3180
(U-922)

082836

July 1, 1986

Exxon Company USA
P.O. Box 120
Denver, Colorado 80201-0120

Re: Coffee Pot Ridge Unit
Utah County, Utah

Gentlemen:

We are in receipt of your letter dated June 3, 1986, requesting an extension of time in which to commence the obligation well for the referenced unit. We have no objection to granting an extension of time in which to commence the initial unit obligation well; however, the time requested cannot be approved. Under Section 25 "Unavoidable Delay" of the Coffee Pot Ridge Unit we are willing to grant an extension of time to June 1, 1987, in which to commence the initial obligation well for the unit. Please be advised that no further extensions will be considered.

Sincerely,

(Orig. Sgd.) H.A. Lemm

Howard A. Lemm
Chief, Branch of Fluid Minerals

bcc: DM, SLD
Coffee Pot Ridge Unit File
Agr. Sec. Chron

RAHenricks:jw:7/01/86
0057U

Bureau of Land Management
Branch of Fluid Minerals
324 South State Street
Salt Lake City, Utah 84111-2303

June 1, 1987

Exxon Company
P.O. Box 120
Denver, Colorado 80201-0120

COPY

Re: Coffee Pot Ridge Unit
Utah County, Utah

Gentlemen:

The Coffee Pot Ridge Unit Agreement, Utah County, Utah, terminated effective June 1, 1987. According to our records, no wells were drilled within the unit area.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each interested owner, lessee, and lessor.

Sincerely,

(Orig. Sgd.) H.A. Lemm

Howard A. Lemm
Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas and Mining
State Board of Land Commissioners
District Manager - SLC
File - Coffee Pot Ridge Unit
Branch of Lands and Minerals Operations (U-942)
Accounts - Denver
Agr. Sec. Chron

922:TAThompson:tt:06-01-87

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

081409

August 12, 1987

Exxon Company
P.O. Box 120
Denver, Colorado 80201-0120

Gentlemen:

RE: Well No. Coffee Pot Ridge Unit 1, Sec. 28, T. 10S, R. 5E, Utah County, Utah, API NO. 43-049-30015

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

John R. Baza
Petroleum Engineer

sb
cc: BLM
D. R. Nielson
R. J. Firth
Well file
0327T-96

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 21 1990
DIVISION OF
OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-55404

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation: Coffee Pot Ridge Unit

1. Type of Well: ☐ Oil Well ☐ Gas Well XX ☐ Other — Not Drilled (site reclamation)

8. Well Name and No.: Coffee Pot Ridge #1

2. Name of Operator: Exxon Corporation Attn: Joe R. Glass

9. API Well No.: 43-049-30015 LA

3. Address and Telephone No.: P.O. Box 1600, Midland TX 79702 (915)688-7547

10. Field and Pool, or Exploratory Area: Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

198' FSL & 1125' FEL, Sec. 28, T10S, R5E (SESE)

11. County or Parish, State: Utah Co., UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
XX ☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject location has been reclaimed and is ready for inspection and bond release. Please release Exxon from any further liability for this location and remove it from the Federal Bond listing.

RECEIVED
NOV 5 1990
WYO. OIL & GAS
CONSERVATION COMMISSION

14. I hereby certify that the foregoing is true and correct

Signed Joe R. Glass Title Administrative Specialist Date 11-01-90

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side